

**IN THE SPECIFICATION**

Please amend paragraph [46]:

A sensor assembly 40 for measuring the tension forces in the seat belt 22 is shown in Figures 3 and 4. The sensor assembly 40 includes a rigid member that is preferably formed as a metallic plate 42 from 4130Rc39 material, however, other similar materials could also be used. The plate 42 includes a first end 44 that is attached via a loop connection 46 to material that forms a portion of the seat belt 22 (see Figure 4) attached to the male buckle member 30 or female receptacle 34, and a second end 48 that is attached to a vehicle structure such as a B-pillar or seat latch mechanism 32,~~34~~.

Please amend paragraph [48]:

The first end 44 of the plate 42 is preferably positioned at an angle relative to the necked portion 50 and the second end 48, shown in Figure 4. This causes the tension force to be applied at an angle, which creates a moment  $MT$  at one edge of the necked portion 50. The second end 48 of the plate 42 is hard mounted to a vehicle structure 62 creating a reaction force  $F_{rea}$  and moment  $M_{rea}$ . The strain gage 52 measures the strain resulting in the necked portion 50 of the plate 42 as the tension force  $FT$  is applied to the first end 44 of the plate 42.